



PCT10

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/089,560

DATE: 04/16/2003

TIME: 12:55:45

Input Set : A:\Sequence Listing 1321.2.71.ST25.txt

Output Set: N:\CRF4\04162003\J089560.raw

```

3 <110> APPLICANT: Straume, Tore
4     Liu, Gang
6 <120> TITLE OF INVENTION: Particle Analysis Assay for Biomolecular Quantification
8 <130> FILE REFERENCE: 1321.2.71
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/089,560
C--> 10 <141> CURRENT FILING DATE: 2002-04-01
10 <150> PRIOR APPLICATION NUMBER: 60/158,664
11 <151> PRIOR FILING DATE: 1999-10-08
13 <160> NUMBER OF SEQ ID NOS: 10
15 <170> SOFTWARE: PatentIn version 3.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 880
19 <212> TYPE: DNA
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Synthetic Oligonucleotide
25 <220> FEATURE:
26 <221> NAME/KEY: misc_feature
27 <222> LOCATION: (2)..(2)
28 <223> OTHER INFORMATION: "n" represents a, c, g, or t.
31 <220> FEATURE:
32 <221> NAME/KEY: misc_feature
33 <222> LOCATION: (837)..(837)
34 <223> OTHER INFORMATION: "n" represents a, c, g, or t.
37 <220> FEATURE:
38 <221> NAME/KEY: misc_feature
39 <222> LOCATION: (850)..(850)
40 <223> OTHER INFORMATION: "n" represents a, c, g, or t.
43 <220> FEATURE:
44 <221> NAME/KEY: misc_feature
45 <222> LOCATION: (876)..(876)
46 <223> OTHER INFORMATION: "n" represents a, c, g, or t.
49 <400> SEQUENCE: 1
W--> 50 tngttctcca gcttgcatgc ctgcaggtcg acgcccctag atctgtctcc taaaatggct      60
52 ccccagacac agcacagtgt tcctgggggc gttcaggacg gaaggcagcg gcgccccccc      120
54 ccaatctttg catgtcttgg gatgcaaaac aatttcccca ctttctctct gtcaccccca      180
56 cgcaccgtcg cccctaaagt gaagtctgct ggctgccgaa aagggaaatg gaaaggagga      240
58 accattcaag ttcaacgaca tggcgacggc agctccggcg ggagccgcgc tttggcaggg      300
60 gaggggtgcg catctgcagc agcgcgctag cacatagggg aaggggcgat gggccccctt      360
62 ccacgcctta gcgtgcaact cgccccata ttctccccac agcattcatc cttgacccaa      420
64 cccgctttgc tctttagccc cagctctctg ctttggtcat caccgcgaaa acctatgaaa      480
66 atccagagcc cctgcacccg cgcgttcgcg tagagaacct accgtgaaga cccgagcgtt      540
68 gtgtccttgt ccttgcttat tcgatcctac ttgaaacact ggcagactc acggccttcg      600

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70 gggctcggcc agcagcttcc gagaacgata gctttcttgc gcagcgcgta gacgcgatgc 660
72 ggtaattttg agccacccaa gataagacac taacttgacc ttaactttgt cagggcgccc 720
74 ctggtatctg gagaacgtga acagacactt gtctggcagc ttctcgtaaa aactgactgg 780
76 ggaagggatt ctgagtcatt tcattttatta ccccttaciaa gttttgcaag aaaagcnttt 840
78 tcttccttgn ccaaacttta attattttat tgctcntttt 880

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81 <210> SEQ ID NO: 2

82 <211> LENGTH: 795

83 <212> TYPE: DNA

84 <213> ORGANISM: Artificial Sequence

86 <220> FEATURE:

87 <223> OTHER INFORMATION: Synthetic oligonucleotide

89 <220> FEATURE:

90 <221> NAME/KEY: misc_feature

91 <222> LOCATION: (3)..(5)

92 <223> OTHER INFORMATION: "n" represents a, c, g, or t.

95 <220> FEATURE:

96 <221> NAME/KEY: misc_feature

97 <222> LOCATION: (8)..(8)

98 <223> OTHER INFORMATION: "n" represents a, c, g, or t.

101 <220> FEATURE:

102 <221> NAME/KEY: misc_feature

103 <222> LOCATION: (13)..(13)

104 <223> OTHER INFORMATION: "n" represents a, c, g, or t.

107 <220> FEATURE:

108 <221> NAME/KEY: misc_feature

109 <222> LOCATION: (757)..(757)

110 <223> OTHER INFORMATION: "n" represents a, c, g, or t.

113 <400> SEQUENCE: 2

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W--> 114 ttnnnntntt cgnctcggta cccggggatc ctctagagtc gacgcggccg cgggaattaac 60
116 cctcactaaa ggaacgaat tcgatctac cttctgaaga ccagagaacc cctggggaat 120
118 tgccccgccc cttaaggaa acctcctaca cagagagctt tggaattgt tcatggttta 180
120 tacttatctc caataatgga tgtcatgggg ggttgaaagt ttgcataac cggttttttt 240
122 tttcttcatg ttacctgtct tatttaaagg caggcctacc tcaaaaacat tacaccagt 300
124 gaggagagag agagagagag agagagagag agagagagag agagttacat ttgttgaaaa 360
126 aatagtcatt tcatatcctt tccagaaagg agaggatgaa attagaaatg gaccagttt 420
128 tcagtttctg atatcttcaa agtaccatca ccaagaacaa gaacactcag acaaaaatct 480
130 aacccaaacc ccatgccttc aaagggcatc ttccacctat gcgaagggca tgccaaattt 540
132 ttaagattgg gagtgaggtg acatacagga aaaaatttct ctgtattacc caaaaagaaa 600
134 gttttgctgg caagaatgat gtaaacaagg caagggcatt ttcttttctt ccttttcttt 660
136 ttctccttcc ttcttttctt ccttccttcc ttcttctctt ccttccttcc ttacttcttt 720
138 ctttctttct ttcttctttc tttctttctc ctggggnggg ggtagactgc caaactaagt 780
140 atttgtttct tgtaa 795

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143 <210> SEQ ID NO: 3

144 <211> LENGTH: 50

145 <212> TYPE: DNA

146 <213> ORGANISM: Artificial Sequence

148 <220> FEATURE:

149 <223> OTHER INFORMATION: Synthetic oligonucleotide

151 <400> SEQUENCE: 3

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```

152 tgccttccgt cctgaacgac cccaggaaca ctgtgctgtg tctggggagc      50
155 <210> SEQ ID NO: 4
156 <211> LENGTH: 50
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Synthetic oligonucleotide
163 <400> SEQUENCE: 4
164 cggcagccag cagacttcac tttaggcgcg acggtcggtg gggtagcag      50
167 <210> SEQ ID NO: 5
168 <211> LENGTH: 50
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Synthetic oligonucleotide
175 <400> SEQUENCE: 5
176 gctgcagatg gcgcacccctc ccctgccaaa gcgcggtctcc cgccggagct      50
179 <210> SEQ ID NO: 6
180 <211> LENGTH: 50
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Synthetic oligonucleotide
187 <400> SEQUENCE: 6
188 gggttgggtc aaggatgaat gctgtggcga gaatatgggg gcgagttgca      50
191 <210> SEQ ID NO: 7
192 <211> LENGTH: 50
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Synthetic oligonucleotide
199 <400> SEQUENCE: 7
200 cgaattcgga tctaccttct gaagaccaga gaaccctgg ggaattgcc      50
203 <210> SEQ ID NO: 8
204 <211> LENGTH: 50
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Synthetic oligonucleotide
211 <400> SEQUENCE: 8
212 catggtttat acttatctcc aataatggat gtcatggggg gttgaaagtt      50
215 <210> SEQ ID NO: 9
216 <211> LENGTH: 50
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Synthetic oligonucleotide
223 <400> SEQUENCE: 9
224 agtcatttca tatcctttcc agaaaggaga ggatgaaatt agaaatggac      50

```

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Output Set: N:\CRF4\04162003\J089560.raw

227 <210> SEQ ID NO: 10

228 <211> LENGTH: 50

229 <212> TYPE: DNA

230 <213> ORGANISM: Artificial Sequence

232 <220> FEATURE:

233 <223> OTHER INFORMATION: Synthetic oligonucleotide

235 <400> SEQUENCE: 10

236 tcagacaaaa atctaacca aaccccatgc cttcaaaggg catcttcac

50

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/089,560

DATE: 04/16/2003
TIME: 12:55:46

Input Set : A:\Sequence Listing 1321.2.71.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 2,837,850,876
Seq#:2; N Pos. 3,4,5,8,13,757

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/089,560

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Input Set : A:\Sequence Listing 1321.2.71.ST25.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

M:341 Repeated in SeqNo=1

L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

M:341 Repeated in SeqNo=2